

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

DREDGE OREGON		Contract Number: W9127N-06-C-CRCI					
Project Name/Location:							
Columbia River Channel Improvement, RM 101+10 to 100+40							
12/22/2005							
Dredge OREGON Tidal Stage Ebb Weather: Overcast, rain Wind: 5-10 kts Seas: 0-1' Disposal location Gateway (upland)	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
	DRP-1 (21)	20.2	7:34:11	7623320.3	734285.0	3.4	NA
	DRP-2 (22)	20.4	7:40:04	7623040.8	734763.0	3.7	13.1
	DRP-3 (23)	20.5	7:43:50	7622872.5	734881.9	3.4	NA
	DRP-4 (24)	20.2	7:47:18	7623157.3	734740.4	3.5	NA
Retest @ point of exceedance							
All coordinates are Oregon State Plane North 3601; Datum: NAD 83							
Remarks:				Action Taken:			
No exceedances.				None required.			
John Cannon and Cody Atchison of USACE were present during sampling.							
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DRP-1	Background - 100' Up Current, Within 600-Foot of Channel					N/A	Not Required
DRP-2	100' Down Current of the Cutterhead					OR	OR, WA
DRP-3	300' Down Current of the Cutterhead					WA	Not Required
DRP-4	150' lateral of the cutterhead (Port or Starboard)					WA	Not Required
DRPT	Indicates additional testing at the point of exceedence						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

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Dredge Oregon Tidal Stage Ebb Weather: Overcast, rain Wind: 5-10 kts Seas: 0-1' Disposal location Gateway (Upland)	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
	DSPP-1 (11)	19.9	7:52:42	7623857.0	735540.5	3.3	NA
	DSPP-2 (12)	20.3	7:56:00	7623779.1	735761.1	NA	13.1
	DSPP-3 (13)	20.1	8:00:01	7623490.1	736236.5	3.4	NA
		Retest @ point of exceedance					
		All coordinates are Oregon State Plane North 3601; Datum: NAD 83					
Remarks:				Action Taken:			
No exceedances.				None required.			
John Cannon and Cody Atchison of USACE were present during sampling.							
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DSPP-1	100' up current (background) within 600' channel					N/A	N/A
DSPP-2	100' down current from the discharge					Not Required	WA
DSPP-3	600' down current, 150' lateral to the discharge					WA	Not Required
DSPPT	Indicates additional testing at the point of exceedence						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

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Dredge Oregon Tidal Stage Ebb Weather: Overcast Wind: 5-10 kts Seas: 0-1' Disposal location Gateway (Upland)	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
	DSPP-1 (11)	19.8	9:33:29	7623863.4	735565.1	3.2	NA
	DSPP-2 (12)	20.1	9:36:27	7623781.0	735756.7	NA	13.1
	DSPP-3 (13)	20.3	9:42:32	7623500.5	736189.2	3.7	NA
Retest @ point of exceedance							
All coordinates are Oregon State Plane North 3601; Datum: NAD 83							
Remarks:				Action Taken:			
No exceedances.				None required.			
John Cannon and Cody Atchison of USACE were present during sampling.							
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DSPP-1	100' up current (background) within 600' channel					N/A	N/A
DSPP-2	100' down current from the discharge					Not Required	WA
DSPP-3	600' down current, 150' lateral to the discharge					WA	Not Required
DSPPT	Indicates additional testing at the point of exceedence						
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	DSPP-1 (11)	20.1	11:32:11	7623867.1	735552.6	3.2	NA
	DSPP-2 (12)	20.2	11:34:28	7623790.9	735761.9	NA	13.2
	DSPP-3 (13)	20.2	11:37:15	7623525.7	736185.5	3.3	NA
		Retest @ point of exceedance					
		All coordinates are Oregon State Plane North 3601; Datum: NAD 83					
Remarks:				Action Taken:			
No exceedances.				None required.			
John Cannon and Cody Atchison of USACE were present during sampling.							
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DSPP-1	100' up current (background) within 600' channel					N/A	N/A
DSPP-2	100' down current from the discharge					Not Required	WA
DSPP-3	600' down current, 150' lateral to the discharge					WA	Not Required
DSPPT	Indicates additional testing at the point of exceedence						
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Dredge Oregon Tidal Stage Ebb	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
	DSPP-1 (11)	20.0	13:32:44	7623844.4	735580.9	3.0	NA
	DSPP-2 (12)	20.1	13:36:22	7623779.6	735780.5	NA	13.1
	DSPP-3 (13)	20.5	13:39:38	7623556.5	736169.3	3.0	NA
Weather: Broken clouds Wind: 5 kts Seas: Light chop Disposal location Gateway (Upland)	Retest @ point of exceedance						
	All coordinates are Oregon State Plane North 3601; Datum: NAD 83						
Remarks:				Action Taken:			
No exceedances.				None required.			
John Cannon and Cody Atchison of USACE were present during sampling.							
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DSPP-1	100' up current (background) within 600' channel					N/A	N/A
DSPP-2	100' down current from the discharge					Not Required	WA
DSPP-3	600' down current, 150' lateral to the discharge					WA	Not Required
DSPPT	Indicates additional testing at the point of exceedance						
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12/22/2005							
Dredge Oregon Tidal Stage Ebb Weather: Broken Clouds Wind: 0-5 kts Seas: Light Chop Disposal location Gateway (Upland)	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
	DSPP-1 (11)	20.2	15:31:37	7623836.4	735571.7	3.0	NA
	DSPP-2 (12)	20.1	15:34:01	7623769.7	735773.8	NA	13.1
	DSPP-3 (13)	20.0	15:37:12	7623518.0	736191.2	3.3	NA
		Retest @ point of exceedance					
		All coordinates are Oregon State Plane North 3601; Datum: NAD 83					
Remarks:				Action Taken:			
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Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
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DSPP-2	100' down current from the discharge					Not Required	WA
DSPP-3	600' down current, 150' lateral to the discharge					WA	Not Required
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